



# STIC Search Report

## EIC 2100

**STIC Database Tracking Number: 145659**

**TO: Neveen Abel-Jalil**  
**Location: RND 3B20**  
**Art Unit : 2165**  
**Tuesday, February 22, 2005**

**Case Serial Number: 09/989069**

**From: Carol Wong**  
**Location: EIC 2100**  
**RND - 4A30**  
**Phone: 272-3513**

**carol.wong@uspto.gov**

### Search Notes

Dear Examiner Abel-Jalil,

Attached are the search results (from commercial databases) for your case.

Color tags mark the patents/articles which appear to be most relevant to the case. Color of tag has no significance. Pls review all documents, since untagged items might also be of interest. If you wish to order the complete text of any document, pls submit request(s) directly to the EIC2100 Reference Staff located in RND-4B28.

Pls call if you have any questions or suggestions for additional terminology, or a different approach to searching the case. Finally, pls complete the attached Search Results Feedback Form, as the EIC/STIC is continually soliciting examiners' opinion of the search service.

Thanks,  
Carol



File 348:EUROPEAN PATENTS 1978-2005/Feb W02

(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20050217,UT=20050210

(c) 2005 WIPO/Univentio

File 324:German Patents Fulltext 1967-\$F324UD1\_1967Jan W6

(c) 2005 Univentio

Set	Items	Description
S1	2204205	MATCH? OR COMPAR??? ? OR COMPARISON? OR COINCID? OR INTERSECT? OR CO()(INCID??? ? OR INCIDEN?) OR CORRESPOND?
S2	84502	S1(3N)(BEST OR HIGHEST OR LARGEST OR GREATEST OR MAXIMAL OR MAXIMUM OR MOST OR OPTIMAL OR OPTIMUM)
S3	110669	S1(3N)(ATTRIBUTE OR ATTRIBUTES OR CHARACTERISTIC? ? OR PATTERN? ? OR PARAMETER? OR DEMOGRAPH? OR AGE? ? OR GENDER? OR ETHNIC? OR EDUCATION?)
S4	62759	S1(3N)(GEOGRAPH? OR LOCAT???? ? OR INCOME? OR SEX OR OCCUPATION? OR PROFESSION? OR MARITAL OR ZIPCODE? OR ZIP OR TELEPHONE OR PHONE)
S5	5280	S1(3N)(HOBBY? OR HOBBIES OR INTEREST? ?)
S6	2149521	BROADCAST? OR DISPERS? OR DISBURS? OR RECEIV? OR RECEPT? OR RECEIPT? OR DISTRIBUT?
S7	1977290	SEND??? ? OR SENT OR TRANSMIT? OR TRANSMIS? OR DISSEMINAT? OR NOTIFY? OR NOTIFI? OR FEED??? ? OR FED OR PUSH??? ? OR STREAM?
S8	584960	DELIVER? OR CYBERCAST? OR MEDIACAST? OR WEBCAST? OR NETCAST? OR MULTICAST? OR WEBFEED? OR EFEEED?
S9	992	(CYBER OR MEDIA OR WEB OR NET OR MULTI)()(CAST?? ? OR CASTING?)
S10	38731	SELECTIVE?(3N)S6:S9
S11	65261	S6:S9(3N)(AD OR ADS OR COMMERCIAL? ? OR ADVERT? OR PROMOT? OR NETVERT? OR NETAD? ? OR EAD? ? OR MARKETING OR OFFER? OR VIDEOAD?)
S12	64270	S6:S9(3N)(VIDEOBANNER? OR VBANNER? OR PITCH? OR ADWARE? OR TARGET? OR FOCUS? OR PERSONALIZ? OR PERSONALIS? OR CUSTOMIZ? - OR CUSTOMIS?)
S13	35009	S6:S9(3N)(MICROMARKET? OR TELEMARKE? OR PROFILE? ? OR AIM OR AIMS OR AIMED OR AIMING)
S14	3043	S2(20N)S3:S5
S15	16	S14(20N)S11:S13
S16	0	S14(20N)S10
S17	16	IDPAT S15 (sorted in duplicate/non-duplicate order)
S18	16	IDPAT S15 (primary/non-duplicate records only)
S19	339346	S6:S9(3N)(DATA OR INFORMATION)
S20	67	S14(20N)S19
S21	16202	IC=G06F-013
S22	16304	IC=G06F-017/30
S23	26487	IC=G06F-017/60
S24	4035	IC=H04H-001
S25	27588	IC=H04N-007
S26	17	S20 AND S21:S25
S27	16	S26 NOT S18
S28	16	IDPAT (sorted in duplicate/non-duplicate order)
S29	16	IDPAT (primary/non-duplicate records only)

18/5,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01103746

Information distribution system

Informationsverteilungssystem

Systeme de distribution d'information

PATENT ASSIGNEE:

Sarnoff Corporation, (2343426), 201 Washington Road, CN 5300, Princeton,  
NJ 08540-6449, (US), (Applicant designated States: all)

INVENTOR:

Anderson, Bruce James, 116 Davenport Drive, Chesterfield NJ 08620, (US)  
Reitmeier, Glenn Arthur, 193 Cinnabar Lane, Yardley PA 19067, (US)

LEGAL REPRESENTATIVE:

Pratt, Richard Wilson et al (46458), D. Young & Co, 21 New Fetter Lane,  
London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 967804 A2 991229 (Basic)  
EP 967804 A3 001102

APPLICATION (CC, No, Date): EP 99304652 990615;

PRIORITY (CC, No, Date): US 90879 980626; US 183249 981030

DESIGNATED STATES: DE; FR; GB; IT; NL

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-007/24

ABSTRACT EP 967804 A2

A method for multiplexing and demultiplexing commercial and program material within the context of, e.g., an MPEG1 or MPEG2 information distribution system. A system employing the method provides either a single terrestrial broadcast channel or a "virtual head-end" as part of an uplink site which encodes advertising materials, associates the advertising material with "tags" indicative of demographic or content categorisation affinity, and provides the tagged advertising material, along with program material to one or more information consumers.

ABSTRACT WORD COUNT: 78

NOTE:

Figure number on first page: 3

LEGAL STATUS (Type, Pub Date, Kind, Text):

Search Report: 001102 A3 Separate publication of the search report

Application: 991229 A2 Published application without search report

Examination: 010613 A2 Date of request for examination: 20010411

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199952	1120
SPEC A	(English)	199952	8051
Total word count - document A			9171
Total word count - document B			0
Total word count - documents A + B			9171

...SPECIFICATION set top terminal retrieves commercial or advertising streams including tags associated with a particular demographic profile if such streams are available. Thus, at step 305 the set top terminal identifies which, if any, commercial or advertising streams comprise the best match to the demographic profile of the user or set top terminal. In the absence of an appropriate commercial stream (e.g., no match per the available tags) the default commercial stream is used. The...

18/5,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

00986675

BROADCAST DATA DISTRIBUTION SYSTEM WITH ASYMMETRIC UPLINK/DOWNLINK  
BANDWIDTHS  
RUNDFUNKDATENVERTEILSYSTEM MIT ASYMMETRISCHEN AUF- UND ABWARTSVERBINDUNGSBA  
NDBREITEN

SYSTEME DE DISTRIBUTION DE DONNEES DE RADIODIFFUSION A LARGEURS DE BANDE DE  
LIAISONS MONTANTES/DESCENDANTES ASYMETRIQUES

PATENT ASSIGNEE:

Pinpoint Incorporated, (4072040), 201 Main Street, Suite 1440, Fort  
Worth, Texas 76102, (US), (Proprietor designated states: all)

INVENTOR:

HERZ, Frederick, S., M., Box 625, Canaan Valley Davis, WV 26260, (US)

SMITH, Jonathan, M., 771 Princeton-Kingston Road, Princeton, NJ  
08540-4165, (US)

WACHOB, David, 8379 Glen Road, Elkins Park, PA 19117, (US)

LEGAL REPRESENTATIVE:

Mackenzie, Andrew Bryan et al (79992), Mathisen, Macara & Co., The Coach  
House, 6-8 Swakeleys Road, Ickenham, Uxbridge UB10 8BZ, (GB)

PATENT (CC, No, Kind, Date): EP 962098 A1 991208 (Basic)

EP 962098 B1 040114

WO 1998037696 980827

APPLICATION (CC, No, Date): EP 98906560 980217; WO 98US3181 980217

PRIORITY (CC, No, Date): US 37354 P 970221

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;  
MC

RELATED DIVISIONAL NUMBER(S) - PN (AN):

(EP 2004000507)

INTERNATIONAL PATENT CLASS: H04N-007/173

CITED PATENTS (EP B): EP 669760 A; WO 94/10775 A; WO 95/15658 A

CITED PATENTS (WO A): WO 9515658 A ; WO 9410775 A ; EP 669760 A

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination: 011107 A1 Date of dispatch of the first examination  
report: 20010925

Application: 990120 A1 International application (Art. 158(1))

Lapse: 050112 B1 Date of lapse of European Patent in a  
contracting state (Country, date): AT  
20040114, BE 20040114, CH 20040114, LI  
20040114, DK 20040414, ES 20040425, FI  
20040114, GR 20040414, MC 20040228,

Lapse: 041110 B1 Date of lapse of European Patent in a  
contracting state (Country, date): AT  
20040114, CH 20040114, LI 20040114, ES  
20040425, FI 20040114, GR 20040414,

Lapse: 041020 B1 Date of lapse of European Patent in a  
contracting state (Country, date): AT  
20040114, FI 20040114, GR 20040414,

Lapse: 040929 B1 Date of lapse of European Patent in a  
contracting state (Country, date): FI  
20040114,

Lapse: 040929 B1 Date of lapse of European Patent in a  
contracting state (Country, date): FI  
20040114,

Grant: 040114 B1 Granted patent

Change: 040114 A1 Designated contracting states changed 20031127

Assignee: 020529 A1 Transfer of rights to new applicant: Pinpoint  
 Incorporated (4072040) 201 Main Street, Suite  
 1440 Fort Worth, Texas 76102 US  
 Change: 040303 B1 Application number of divisional application  
 (Article 76) changed: 20040117  
 Lapse: 041006 B1 Date of lapse of European Patent in a  
 contracting state (Country, date): FI  
 20040114, GR 20040414,  
 Lapse: 041006 B1 Date of lapse of European Patent in a  
 contracting state (Country, date): FI  
 20040114, GR 20040414,  
 Lapse: 041027 B1 Date of lapse of European Patent in a  
 contracting state (Country, date): AT  
 20040114, CH 20040114, LI 20040114, FI  
 20040114, GR 20040414,  
 Oppn None: 050105 B1 No opposition filed: 20041015  
 Lapse: 050105 B1 Date of lapse of European Patent in a  
 contracting state (Country, date): AT  
 20040114, BE 20040114, CH 20040114, LI  
 20040114, ES 20040425, FI 20040114, GR  
 20040414,  
 Application: 991208 A1 Published application with search report  
 Examination: 991208 A1 Date of request for examination: 19990921  
 Priority: 991222 A1 Priority information changed: 19991029

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200403	1116
CLAIMS B	(German)	200403	981
CLAIMS B	(French)	200403	1310
SPEC B	(English)	200403	16997
Total word count - document A			0
Total word count - document B			20404
Total word count - documents A + B			20404

...CLAIMS plurality of users at least one of said plurality of target  
 object data items which **most** likely **corresponds** to said user  
**interest profile** data;  
 (f) **delivering** to said plurality of data terminals particular ones of  
 said plurality of target object data...

18/5,K/5 (Item 5 from file: 349)  
 DIALOG(R)File 349:PCT FULLTEXT  
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01007459

ANONYMOUS NETWORK-ACCESS METHOD AND CLIENT  
 PROCEDE D'ACCES A UN RESEAU ANONYME ET CLIENT

Patent Applicant/Assignee:

KONINKLIJKE PHILIPS,

ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA Eindhoven, NL, NL  
 (Residence), NL (Nationality)

Inventor(s):

FUEHREN Marcel, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,  
 CHEN Jeng-Chun, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,

Legal Representative:

GROENENDAAL Antonius W M (agent), Internationaal Octrooibureau B.V.,  
 Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200336534 A2 20030501 (WO 0336534)

Application: WO 2002IB4070 20021003 (PCT/WO IB0204070)  
Priority Application: EP 2001204020 20011023  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)  
CN JP KR  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR  
Main International Patent Class: G06F-017/60  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 6445

English Abstract

French Abstract

Legal Status (Type, Date, Text)  
Publication 20030501 A2 With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

Fulltext Availability:  
Detailed Description

Detailed Description

... associated with profiling information. The profiling module 41 1 can select the at least one **advertisement** to be **transmitted** to the client device 1 0 1 by **matching** the current **interest** profile against the profiling information associated with the advertisements, and selecting the at least one advertisement as the **best** such **match**. Having selected and **transmitted** the **advertisements**, the current interest profile is discarded. This last step should also be explicitly mentioned in...  
? t18/5,k/7-9,13-14

18/5,K/7 (Item 7 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01000984

MULTILEVEL SORTING AND DISPLAYING OF CONTEXTUAL OBJECTS  
TRI ET AFFICHAGE D'OBJETS CONTEXTUELS SUR PLUSIEURS NIVEAUX

Patent Applicant/Assignee:

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FI (Nationality)

NOKIA INC, 6000 Connection Drive, Irving, TX 75039, US, US (Residence),  
US (Nationality), (Designated only for: LC)

Inventor(s):

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LEHIKONEN Juha, Vanhankouluntie 113, FIN-34110 Lakiala, FI,  
KORHONEN Hannu, Rientolankatu 19 a 2, FIN-34110 Lakiala, FI,  
RASANEN Eero, Tahmelan Viertotie 11 as 8, FIN-33240 Tampere, FI,

Legal Representative:

WRIGHT Bradley C (agent), Banner & Witcoff, Ltd., 1001 G Street, N.W.,  
Eleventh Floor, Washington, DC 20001-4597, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200329946 A1 20030410 (WO 0329946)  
Application: WO 2002IB3748 20020911 (PCT/WO IB0203748)  
Priority Application: US 2001966042 20010928

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-003/00

International Patent Class: G06F-017/30; H04M-001/57; H04M-011/00;  
H04N-011/10; H04B-017/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7027

English Abstract

An apparatus and method for displaying a plurality of icons on the display of a mobile terminal (100) are provided. Icons are displayed in at least two different sections. The first section (102) includes icons having sizes determined by comparing characteristics of associated messages to one or more context values, such as time of day, geographic area, or user profile characteristics. The second section (104) includes icons having sizes determined by the proximities of the message sources to the mobile terminal.

French Abstract

L'invention concerne un appareil et un procede pour afficher une pluralite d'icônes sur l'ecran d'un terminal mobile. Les icônes sont affichees dans au moins deux sections differentes. La premiere section comprend des icônes dont la dimension est determinee par la comparaison de caracteristiques de messages associes avec une ou plusieurs valeurs contextuelles telles que l'heure, la zone geographique ou le profil utilisateur. La seconde section comporte des icônes dont la dimension est determinee par la proximite des sources de messages par rapport au terminal mobile.

Legal Status (Type, Date, Text)

Publication 20030410 A1 With international search report.

Fulltext Availability:

Detailed Description

Detailed Description

... the plurality of messages. A first icon corresponding to a message having one or more **characteristics** that **best match** the one or more context values is represented in a priority section of the display...is provided. The method includes receiving a plurality of messages from a message source and **receiving** a first **profile** containing context values that are specific to the user of the mobile terminal.

One or...of messages. Next, a first icon corresponding to a - 3 message having one or more **characteristics** that **best match** the one or more context values of the first profile is represented in a priority...

18/5,K/8 (Item 8 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00952942 \*\*Image available\*\*

SYSTEM AND METHOD FOR GENERATING MULTIMEDIA ACCOMPANIMENTS TO BROADCAST DATA

SYSTEME ET PROCEDE PERMETTANT DE GENERER DES DONNEES MULTIMEDIA COMPLEMENTAIRES DESTINEES A ACCOMPAGNER DES DONNEES DE RADIODIFFUSION

Patent Applicant/Assignee:

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(Residence), US (Nationality)

Inventor(s):

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SIGNORELLI Paul, 241 East 76th Street, Apartment 2D, New York, NY 10021, US,

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WELLS Bryce, 262 Old Kings Highway South, Darien, CT 06820, US,  
SNYDER Terrance, 501 West Main Street, Stamford, CT 06902, US,

Legal Representative:

HANCHUK Walter G (agent), Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200287120 A1 20021031 (WO 0287120)

Application: WO 2001US12993 20010420 (PCT/WO US0112993)

Priority Application: WO 2001US12993 20010420

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04B-017/00

International Patent Class: H04B-001/00; H04B-007/00; H04K-001/10;

H04N-007/10; G08C-017/00; G06F-013/00; H04J-001/05

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 40494

English Abstract

A method and system is presented for coordinating the transmission of supplemental digital data to accompany broadcast data (8), and in particular, analog radio broadcasts, among a plurality of broadcasters. The supplemental digital data may provide information about the particular broadcast data being transmitted (i.e. cut data) or may be supplemental to such data (i.e. news, weather and traffic data) (9). The supplemental digital data to be presented is sorted based on particular algorithms (7) which may take into account broadcaster-specified criteria such as target audience, time of day, type of broadcast data presented, and the like. The supplemental digital data may be audio data, visual data, or audio-visual data for presentation with the broadcast data. The supplemental digital data may further be advertisement data. The



advertisement data may be sold by the broadcasters of the partly coordinating the IBOC transmission of the supplemental digital data. The supplemental digital data may play simultaneously with muted broadcast data or at a user-specified time.

#### French Abstract

L'invention concerne un procede et un systeme permettant de coordonner la transmission de donnees numeriques complementaires destinees a accompagner des donnees de radiodiffusion (8), en particulier des donnees de radiodiffusion analogiques, entre une pluralite de radiodiffuseurs. Les donnees numeriques complementaires peuvent contenir des informations relatives a des donnees de radiodiffusion particulieres transmises (c'est-a-dire des fractions de donnees) ou peuvent etre complementaires a ces donnees (c'est-a-dire des nouvelles, des bulletins meteorologiques et des donnees relatives au trafic) (9). Les donnees numeriques complementaires a presenter sont trieess sur la base d'algorithmes particuliers (7) pouvant prendre en compte des criteres specifiques a un radiodiffuseur, tels que le public-cible, l'heure de diffusion, le type de donnees de radiodiffusion presentees, et analogues. Les donnees numeriques complementaires peuvent etre des donnees audio, des donnees visuelles ou des donnees audiovisuelles destinees a etre presentees avec les donnees de radiodiffusion. Les donnees numeriques complementaires peuvent egalement etre des informations publicitaires. Les donnees publicitaires peuvent etre vendues par les radiodiffuseurs ou la partie qui coordonne la transmission IBOC (In-Band On-Channel) des donnees numeriques complementaires. Les donnees numeriques complementaires peuvent etre lues simultanement avec des donnees de radiodiffusion bloquees ou a une heure precisees par l'utilisateur.

Legal Status (Type, Date, Text)

Publication 20021031 A1 With international search report.

Examination 20030522 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Detailed Description

#### Detailed Description

... data. A basic example of this would be the scheduling of data designed as an **advertisement** to be **broadcast** by broadcasters within the network whose audience **characteristics** most closely **match** the desired **characteristics** of the advertiser.

Other embodiments of the invention provide a methodology and a system for...

18/5,K/9 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00942519

METHOD AND SYSTEM FOR DISTRIBUTING CONTENT OVER A WIRELESS COMMUNICATIONS SYSTEM

PROCEDE ET SYSTEME DE DISTRIBUTION DE CONTENU SUR UN SYSTEME DE COMMUNICATION SANS FIL

Patent Applicant/Assignee:

LEAP WIRELESS INTERNATIONAL INC, 10307 Pacific Center Court, San Diego, CA 92121, US, US (Residence), US (Nationality)

Inventor(s):

HUTCHESON Douglas Stewart, 3362 Lucinda Street, San Diego, CA 92106, US, OWENSBY Craig A, 609 F. Street N.E., Washington, DC 20002, US,

GALLOUZI Souheil, 5396 Foxhound Way, San Diego, CA 92139, US,  
WESTLING Mark, 5101 Bradley Boulevard, Chevy Chase, MD 20815, US,  
Legal Representative:  
HEIDELBERGER Louis M (et al) (agent), Reed Smith LLP, 2500 Liberty Place,  
1650 Market Street, Philadelphia, PA 19103, US,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200276077 A1 20020926 (WO 0276077)  
Application: WO 2002US8111 20020318 (PCT/WO US0208111)  
Priority Application: US 2001276056 20010316  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)  
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Main International Patent Class: H04M-011/10  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 22421

#### English Abstract

A method for providing informational content to a user of a communications device being wirelessly communicatively coupled to a communications network, the method including: identifying information associated with the user and indicative of user attributes; selecting a plurality of candidate messages using the identified information; pseudo-randomly selecting at least one of the plurality of candidate messages as selected content; and, delivering the selected content to the communications device using the wireless communications network.

#### French Abstract

Procede permettant de distribuer du contenu informationnel a un utilisateur d'un dispositif de communication relie, sans fil, a un reseau de communication. Le procede consiste a: identifier des informations qui sont associees a l'utilisateur et qui indiquent des attributs d'utilisateur; selectionner une pluralite de messages candidats au moyen des informations identifiees; selectionner de maniere pseudo-aleatoire au moins un des messages candidats en tant que contenu selectionne; et a distribuer le contenu selectionne au dispositif de communication a l'aide du reseau de communication sans fil.

#### Legal Status (Type, Date, Text)

Publication 20020926 A1 With international search report.  
Publication 20020926 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.  
Examination 20021227 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:  
Detailed Description

Detailed Description

... 52 serves three main functions: Storage and management of customer profile data, messages, and content.

**Matching** and selecting the 'most' appropriate content based on targeting criteria set by users and campaign owners, comprising profile attribute, type of medium, time and **location**.

**Matching** further comprises as content-to-user (for "push" IAMS) or as user-to-content (for "pull" IAMS) delivery.

3 1

**Delivering** content/ **advertising** messages on a real time basis, while having made selections for the type of IAM...

18/5,K/13 (Item 13 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00790569 \*\*Image available\*\*  
**METHOD OF DISPLAYING INFORMATION UNITS, FEEDBACK AND ADVERTISEMENTS ON A WEBSITE**

**PROCEDE D'AFFICHAGE DE MODULES D'INFORMATION, DE RETOURS D'INFORMATION ET DE PUBLICITES SUR UN SITE WEB**

Patent Applicant/Assignee:

TECHNOLOGY INVESTMENTS LTD, 12th Floor, 250 City Road, London EC1 V2Q0,  
GB, GB (Residence), GB (Nationality), (For all designated states  
except: US)

Patent Applicant/Inventor:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200124062 A1 20010405 (WO 0124062)  
Application: WO 2000AU1206 20001003 (PCT/WO AU0001206)  
Priority Application: AU 993205 19990930

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/40

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 13526

English Abstract

The invention is a method of displaying information units, feedback and advertisements on a website. More specifically, it is a method which

facilitates the posing and answering of questions of public interest, the gathering and distribution of news and the display of geodemographically targeted advertisements. The method involves receiving the information unit from an information unit entry device, displaying the information unit on the web site, receiving the information unit feedback from a feedback entry device, displaying at least part of the feedback on the website. The information unit either a question, an answer; or a news item. The invention also involves a method of displaying geodemographically targeted advertisements on a web site, the web site in communication with an information unit database storing a set of information units each having an associated information unit profile and an advertisement database storing a set of advertisements each having an associated advertisement profile. The method involves searching the information unit database, identifying a particular information unit and its associated profile, searching the advertisement database, identifying a selected advertisement having an associated profile which most closely matches the particular information unit's profile and displaying the selected advertisement on the web site.

#### French Abstract

La presente invention concerne un procede d'affichage de modules d'information, de retours d'information et de publicites sur un site web. Cette invention concerne plus particulierement un procede qui permet de plus facilement poser des questions d'interet general et d'y repondre, de recueillir et distribuer des nouvelles et d'afficher des publicites cibles geographiquement et demographiquement. Ce procede consiste a recevoir le module d'information d'un dispositif d'entree de module d'information, a afficher ce module d'information sur le site web, a recevoir le retour du module d'information d'un dispositif d'entree de retour, a afficher au moins une partie de ce retour sur le site web. Le module d'information peut etre soit une question, soit une reponse soit encore des nouvelles. Cette invention concerne aussi un procede d'affichage sur le site web de publicites cibles geographiquement et demographiquement. Ce site web est en communication avec une base de donnees de modules d'information stockant un ensemble de modules d'information, chacun de ces modules possedant un profil de module d'information associe, et avec une base de donnees de publicites stockant un ensemble de publicites, chacune de ces publicites possedant un profil de publicite associe. Ce procede consiste a chercher dans la base de donnees de modules d'information, a identifier un module d'information particulier et son profil associe, a chercher dans la base de donnees de publicites, a identifier une publicite choisie dont le profil associe est le mieux assorti au profil du module d'information particulier et a afficher la publicite choisie sur le site web.

#### Legal Status (Type, Date, Text)

Publication 20010405 A1 With international search report.

Examination 20010628 Request for preliminary examination prior to end of 19th month from priority date

#### Fulltext Availability:

Claims

#### Claim

- ... a plurality of advertisements;
- (b) determining an advertisement demographic profile corresponding to each of said advertisements ;
- (c) receiving website content;
- (d) determining a content demographic profile corresponding to said website

content;

(e) **comparing** said content **demographic** profile with each of said advertisement

demographic profiles;

(f) identifying a selected advertisement whose advertisement **demographic** profile

**most** closely **matches** said content **demographic** profile; and

(g) displaying said selected advertisement on said web site in close proximity to...

29/5,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01720513

Broadcast data distribution system with asymmetric uplink/downlink  
bandwidths

Rundfunkdatenverteilungssystem mit asymmetrischen Auf- und Abwärtsverbindungsba  
ndbreiten

Système de distribution de données de radiodiffusion à largeurs de bande de  
liaison montantes/descendantes asymétriques

PATENT ASSIGNEE:

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LEGAL REPRESENTATIVE:

Foster, Mark Charles et al (86074), Mathisen, Macara & Co. The Coach  
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PATENT (CC, No, Kind, Date): EP 1408692 A1 040414 (Basic)

APPLICATION (CC, No, Date): EP 2004000507 980217;

PRIORITY (CC, No, Date): US 37354 P 970221

DESIGNATED STATES: DE; FR; GB

RELATED PARENT NUMBER(S) - PN (AN):

EP 962098 (EP 98906560)

INTERNATIONAL PATENT CLASS: H04N-007/173 ; H04N-005/445

ABSTRACT EP 1408692 A1

The broadcast data distribution system distributes directory and indexing information for the selection of viewing choices in broadcast and multicast networks with asymmetric uplink/downlink bandwidths. Examples of such systems include Digital Broadcast Satellite (DBS) and Cable Television (CATV) systems. More particularly, a preferred embodiment of the invention co-locates shared directory resources at directory servers which can provide the benefit of technology improvement through storage multiplexing to directory clients, which are assumed to have smaller, more heterogeneous and slowly-evolving memory and processing resources. The directory information stored at the directory clients is a subset of the information maintained at the directory servers selected on the basis of subscriber interest. This system automatically constructs both a target profile for each target object (program) that is broadcast, as well as a "target profile interest summary" for each subscriber, which target profile interest summary describes the subscriber's interest level in various types of target objects. The system then evaluates the target profiles against the subscriber's target profile interest summaries to generate a subscriber-customized rank ordered listing of target objects most likely to be of interest to each subscriber, so that the subscriber can select from among these potentially relevant target objects, which were automatically selected by this system from the plethora of target objects available on the data distribution system.

ABSTRACT WORD COUNT: 217

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 040414 A1 Published application with search report

Change: 040811 A1 Inventor information changed: 20040621  
Change: 040811 A1 Inventor information changed: 20040621  
Examination: 041215 A1 Date of request for examination: 20041014  
LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200416	871
SPEC A	(English)	200416	18148
Total word count - document A			19019
Total word count - document B			0
Total word count - documents A + B			19019

INTERNATIONAL PATENT CLASS: H04N-007/173 ...

...SPECIFICATION information segments of all of said data items to identifying a selected data item which **most** likely **corresponds** to said user **interest** profile data.

19. The method of claim 15 further comprising the step of:  
scheduling activation of said step of **transmitting** said excerpted directory **information** to sequentially serve said plurality of subscriber terminals according to a determined priority schedule.  
20...

29/5,K/4 (Item 4 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01319025

Customization of electronic content based on consumer attributes  
Auf Kundendaten basierte individuelle Anpassung von elektronischen Inhalten  
Personnalisation du contenu electronique sur la base des attributs du consommateur

PATENT ASSIGNEE:

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INVENTOR:

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LEGAL REPRESENTATIVE:

McLeish, Nicholas Alistair Maxwell et al (74621), Boulton Wade Tennant  
Verulam Gardens 70 Gray's Inn Road, London WC1X 8BT, (GB)

PATENT (CC, No, Kind, Date): EP 1126392 A2 010822 (Basic)  
EP 1126392 A3 011017

APPLICATION (CC, No, Date): EP 2001201364 990707;

PRIORITY (CC, No, Date): US 91979 P 980707; US 235610 990130; US 241546  
990201

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 1093603 (EP 99943609)

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT EP 1126392 A2

A system and method provide for the interpretation and augmenting of structured documents electronically delivered to an individual consumer's computer using consumer profiles developed from and maintained with information reflecting the consumer's online and offline transactions, by

selecting the variable content alternatives encoded in the structured documents that most closely match the consumer's profile. The consumer profiles are logically controlled by the consumer's computer, thus providing for enhanced security over information that is personal and confidential to the consumer, yet still allowing third parties such as web sites and others electronically delivering structured documents to the consumer to have such documents customized based on the consumer's profile. The consumer profile includes hierarchical attribute vectors which encode attributes of a consumer at progressively higher levels of abstraction, and allowing for querying of any combination of abstracted data or abstracted attributes of a consumer.

ABSTRACT WORD COUNT: 143

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 010822 A2 Published application without search report

Search Report: 011017 A3 Separate publication of the search report

Withdrawal: 030226 A2 Date application deemed withdrawn: 20020418

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200134	2955
SPEC A	(English)	200134	20454
Total word count - document A			23409
Total word count - document B			0
Total word count - documents A + B			23409

INTERNATIONAL PATENT CLASS: G06F-017/60

...CLAIMS device with respect to the consumer profile to select the item of information with the **attributes** that **most** closely **matches** **attributes** of the consumer;  
retrieving the selected item of **information** using the identifier **received** in the query associated with the item of information; and presenting the retrieved item of...

29/5,K/12 (Item 12 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00822256 \*\*Image available\*\*

CONTENT DISTRIBUTION SYSTEM TO GENERATE CONTENT STREAMS AND FACILITATE E-COMMERCE TRANSACTIONS USING BROADCAST CONTENT METADATA

SYSTEME DE DISTRIBUTION DE CONTENU PERMETTANT DE PRODUIRE DES FLUX DE CONTENU ADAPTES A DIVERS UTILISATEURS ET DE FACILITER LES TRANSACTIONS PAR COMMERCE ELECTRONIQUE A L'AIDE DE METADONNEES DE CONTENU DIFFUSEES

Patent Applicant/Assignee:

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(Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

SLIK David, 41575 Rod Road, Brackendale City, British Columbia V0N 1H0,

CA, CA (Residence), CA (Nationality), (Designated only for: US)

Legal Representative:

PILLAY Kevin (agent), Fasken Martineau DuMoulin LLP, Toronto Dominion

Bank Tower, Suite 4200, P.O. Box 20, Toronto-Dominion Centre, Toronto,

Ontario M5K 1N6, CA,

Patent and Priority Information (Country, Number, Date):



Patent: WO 200155881 A2-A3 20010802 (WO 0155881)  
Application: WO 2001CA65 20010126 (PCT/WO CA0100065)  
Priority Application: US 2000493087 20000128

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

International Patent Class: H04N-005/445; H04N-007/16

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7308

English Abstract

A content distribution system is provided to facilitate e-commerce transactions for products and services associated with distributed content. A content stream comprising content blocks, reference content blocks and floating reference content blocks uses metadata to identify products and services associated with content blocks. The metadata and floating reference content blocks are used to substitute dynamically selected content for content blocks based on profiles of user(s), the broadcast station, the advertisement spot defined in the stream and content available for substitution. A market server determines optimal matches to support content substitution, and performs brokerage and bidding functions among suppliers of products or services associated with content selected by users.

French Abstract

Systeme de distribution de contenu destine a faciliter les transactions par commerce electronique pour des produits et des services associes a du contenu distribue. Un flux de contenu comportant des blocs de contenu, des blocs de contenu de reference et des blocs de contenu de reference flottants utilise des metadonnees pour identifier des produits et services associes a des blocs de contenu. Les metadonnees et les blocs de contenu de reference flottants sont utilises pour remplacer par du contenu dynamiquement selectionne des blocs de contenu sur la base de profils des utilisateurs, de la station de diffusion, du spot publicitaire defini dans le flux et du contenu disponible pour le remplacement. Un serveur de marche determine les correspondances optimales pour supporter le remplacement du contenu et effectue des fonctions de courtage et de soumission parmi les fournisseurs de produits ou services associes au contenu selectionne par des utilisateurs.

Legal Status (Type, Date, Text)

Publication 20010802 A2 Without international search report and to be republished upon receipt of that report.

Examination 20011108 Request for preliminary examination prior to end of 19th month from priority date

Search Rpt 20021227 Late publication of international search report

Republication 20021227 A3 With international search report.

Republication 20021227 A3 Before the expiration of the time limit for

amending the claims and to be republished in the  
event of the receipt of amendments.

Main International Patent Class: G06F-017/60

...International Patent Class: H04N-007/16

Fulltext Availability:

Claims

Claim

... selected

content and a reference with which to obtain said selected content from a  
storage location , said selected content corresponding to said  
optimal match , said reference content block being used in said  
broadcast data stream in lieu of said floating reference content  
block.

10 A method as claimed in claim...

? t29/5,k/13-14

29/5,K/13 (Item 13 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00538739 \*\*Image available\*\*

TIC: CUSTOMIZATION OF ELECTRONIC CONTENT BASED ON USER SIDE INTERPRETATION  
OF ONLINE REPORTS, WITH HIERARCHICAL MODELS OF CONSUMER ATTRIBUTES FOR  
TARGETING CONTENT IN A PRIVACY-PRESERVING MANNER

TIC: PERSONNALISATION DU CONTENU ELECTRONIQUE SUR LA BASE DE  
L'INTERPRETATION COTE UTILISATEUR DE RAPPORTS EN LIGNE, AVEC MODELES  
HIERARCHIQUES DES ATTRIBUTS DU CONSOMMATEUR POUR PERMETTRE UN CIBLAGE  
DU CONTENU SELON UN MODE PRESERVANT LA CONFIDENTIALITE

Patent Applicant/Assignee:

TRANSILLUMINANT CORPORATION,

Inventor(s):

KRAMER Glenn A,

VOGEL Mark B,

POSNER David B,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200002112 A2 20000113 (WO 0002112)

Application: WO 99US15509 19990707 (PCT/WO US9915509)

Priority Application: US 9891979 19980707; US 99235610 19990120; US  
99241546 19990201

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE  
GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK  
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU  
ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH  
CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW  
ML MR NE SN TD TG

Main International Patent Class: G06F-017/60

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 26259

English Abstract

A system and method provide for the interpretation and augmenting of  
structured documents electronically delivered to an individual consumer's

computer using consumer profiles developed from and maintained with information reflecting the consumer's online and offline transactions, by selecting the variable content alternatives encoded in the structured documents that most closely match the consumer's profile. The consumer profiles are logically controlled by the consumer's computer, thus providing for enhanced security over information that is personal and confidential to the consumer, yet still allowing third parties such as web sites and others electronically delivering structured documents to the consumer to have such documents customized based on the consumer's profile. The consumer profile includes hierarchical attribute vectors which encode attributes of a consumer at progressively higher levels of abstraction, and allowing for querying of any combination of abstracted data or abstracted attributes of a consumer. The consumer profiles are updated with a process that reflects the relevance of each transaction to the consumer's profile, and accommodates a decay in the influence of transactions over time. A selection process for selecting content allows for multiple items of content to be selected for sequenced display to the consumer, through a limited presentation space. Additionally, financial documents are arranged for display in a manner which facilitates the inclusion or promotional information into individual transaction lines, so as to take advantage of the consumer's visual scanning of the statement.

#### French Abstract

Cette invention se rapporte a un systeme et a un procede qui permettent d'interpreter et d'enrichir des documents structures achemines par voie electronique a destination d'un ordinateur d'un consommateur individuel, en utilisant les profils du consommateur mis au point et entretenus a l'aide des informations refletant les transactions en ligne et hors ligne du consommateur, en selectionnant les alternatives de contenus variables codees dans les documents structures qui correspondent le plus etroitement au profil du consommateur. Les profils du consommateur sont commandes en mode logique par l'ordinateur du consommateur, assurant ainsi une securite accrue aux informations qui sont personnelles et confidentielles pour le consommateur, tout en permettant a des tierces parties, telles que des sites Web et d'autres documents structures achemines par voie electronique a destination du consommateur, de personnaliser ces documents sur la base du profil du consommateur. Le profil du consommateur contient des vecteurs d'attributs hierarchiques qui codent les attributs d'un consommateur a des niveaux d'abstraction progressivement plus eleves et qui permettent de demander des donnees abstraites ou des attributs abstraits relatifs a un consommateur. Les profils du consommateur sont actualises a l'aide d'un processus qui reflete la pertinence de chaque transaction pour le profil du consommateur et permet une decroissance de l'influence des transactions dans le temps. Grace a un processus de selection permettant de choisir le contenu, plusieurs elements du contenu sont selectionnes en vue de leur affichage sequence a l'attention du consommateur, a travers un espace de presentation limite. En outre, les documents financiers sont disposes pour etre affiches selon un mode qui facilite l'inclusion d'informations promotionnelles dans les lignes de transactions individuelles, permettant ainsi de tirer profit de l'inspection visuelle des documents faite par le consommateur.

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... of the

consumer defined in the consumer profile; and

selectina the one content alternative having **attributes** **most** closely  
**matching** attr'n'butes  
C  
of the consumer.

26 The method of claim 1, further compri'sing...of the  
consumer defined in the consumer profile; and  
selectincy the one content alternative having **attributes** **most** closely  
**matching** attr'n'butes  
.n ID  
of the consumer.

28 The method of claim 1, further comprising...device with respect to the  
consumer profile to select the item of information with the **attributes**  
that **most** closely  
**matches** **attributes** of the consumer;  
retrieving the selected item of **information** using the identifier  
**received** in the query  
ID  
associated with the item of information; and  
presenting the retrieved item...

29/5,K/14 (Item 14 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00447232 \*\*Image available\*\*  
BROADCAST DATA DISTRIBUTION SYSTEM WITH ASYMMETRIC UPLINK/DOWNLINK  
BANDWIDTHS  
SYSTEME DE DISTRIBUTION DE DONNEES DE RADIODIFFUSION A LARGEURS DE BANDE DE  
LIAISONS MONTANTES/DESCENDANTES ASYMETRIQUES  
Patent Applicant/Assignee:  
HERZ Frederick S M,  
Inventor(s):  
HERZ Frederick S M,  
SMITH Jonathan M,  
WACHOB David,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9837696 A1 19980827  
Application: WO 98US3181 19980217 (PCT/WO US9803181)  
Priority Application: US 9737354 19970221  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)  
AU CA CN JP MX AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
Main International Patent Class: H04N-007/173  
Publication Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 19142

#### English Abstract

The broadcast data distribution system distributes directory and  
indexing information for the selection of viewing choices in broadcast  
and multicast networks with asymmetric uplink/downlink bandwidths.  
Examples of such systems include Digital Broadcast Satellite (DBS) and  
Cable Television (CATV) systems. More particularly, a preferred  
embodiment of the invention co-locates shared directory resources at

directory servers which can provide the benefit of technology improvement through storage multiplexing to directory clients, which are assumed to have smaller, more heterogeneous and slowly-evolving memory and processing resources. The directory information stored at the directory clients is a subset of the information maintained at the directory servers selected on the basis of subscriber interest. This system automatically constructs both a target profile for each target object (program) that is broadcast, as well as a "target profile interest summary" for each subscriber, which target profile interest summary describes the subscriber's interest level in various types of target objects. The system then evaluates the target profiles against the subscriber's target profile interest summaries to generate a subscriber-customized rank ordered listing of target objects most likely to be of interest to each subscriber, so that the subscriber can select from among these potentially relevant target objects, which were automatically selected by this system from the plethora of target objects available on the data distribution system.

#### French Abstract

Le systeme de distribution de donnees de radiodiffusion distribue des informations de repertoire et d'indexation qui permettent de selectionner des choix de programmes dans des reseaux de radiodiffusion a largeur de bande de liaisons montantes/descendantes asymetriques. Ces systemes sont par exemple les systemes a satellite de radiodiffusion numerique (DBS) et de teledistribution (CATV). D'une maniere plus specifique, dans une forme de realisation preferee de cette invention, on co-situe des ressources de repertoires partagees dans des serveurs de repertoires pour faire beneficier les clients du repertoire des avancees technologiques par le biais du multiplexage des memoires, lesdits clients etant supposes avoir des ressources de memoire et de traitement plus faibles, plus heterogenes et evoluant plus lentement. Les informations de repertoire stockees chez les clients du repertoire sont un sous-ensemble des informations conservees par les serveurs de repertoires selectionne en fonction de l'interet de l'abonne. Ce systeme construit automatiquement un profil cible pour chaque objet cible (programme) qui est diffuse ainsi qu'un "resume d'interet du profil cible" pour chaque abonne, ledit resume d'interet du profil cible decrivant le niveau d'interet de l'abonne pour divers types d'objets cibles. Le systeme evalue ensuite les profils cibles par rapport aux resumes de profils cibles des abonnees pour generer une liste ordonnee, adaptee a l'abonne, des objets cibles pouvant le plus probablement interesser chaque abonne de maniere a ce que l'abonne puisse effectuer son choix parmi les objets cibles potentiellement concernes qui ont ete automatiquement selectionnes par ledit systeme parmi le nombre plethorique d'objets cibles disponibles sur le systeme de distribution de donnees.

Main International Patent Class: H04N-007/173

Fulltext Availability:

Claims

#### Claim

... information segments of all of said data items to identifying a selected data item which **most likely corresponds** to said user **interest** profile data.  
. The method of claim 15 further comprising the step of:  
scheduling activation of said step of **transmitting** said excerpted directory **information** to sequentially serve said plurality of subscriber terminals according to a determined priority schedule.

20...

?

File 9:Business & Industry(R) Jul/1994-2005/Feb 18  
(c) 2005 The Gale Group  
File 13:BAMP 2005/Feb W2  
(c) 2005 The Gale Group  
File 16:Gale Group PROMT(R) 1990-2005/Feb 21  
(c) 2005 The Gale Group  
File 47:Gale Group Magazine DB(TM) 1959-2005/Feb 18  
(c) 2005 The Gale group  
File 148:Gale Group Trade & Industry DB 1976-2005/Feb 18  
(c)2005 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2005/Feb 21  
(c) 2005 The Gale Group  
File 570:Gale Group MARS(R) 1984-2005/Feb 21  
(c) 2005 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Feb 21  
(c) 2005 The Gale Group  
File 636:Gale Group Newsletter DB(TM) 1987-2005/Feb 21  
(c) 2005 The Gale Group  
File 649:Gale Group Newswire ASAP(TM) 2005/Feb 14  
(c) 2005 The Gale Group

Set	Items	Description
S1	5403464	MATCH? OR COMPAR??? ? OR COMPARISON? OR COINCID? OR INTERSECT? OR CO() (INCID??? ? OR INCIDEN?) OR CORRESPOND?
S2	93061	S1(3N) (BEST OR HIGHEST OR LARGEST OR GREATEST OR MAXIMAL OR MAXIMUM OR MOST OR OPTIMAL OR OPTIMUM)
S3	56706	S1(3N) (ATTRIBUTE OR ATTRIBUTES OR CHARACTERISTIC? ? OR PATTERN? ? OR PARAMETER? OR DEMOGRAPH? OR AGE? ? OR GENDER? OR ETHNIC? OR EDUCATION?)
S4	302775	S1(3N) (GEOGRAPH? OR LOCAT???? ? OR INCOME? OR SEX OR OCCUPATION? OR PROFESSION? OR MARITAL OR ZIPCODE? OR ZIP OR TELEPHONE OR PHONE)
S5	26445	S1(3N) (HOBBY? OR HOBBIES OR INTEREST? ?)
S6	13260445	BROADCAST? OR DISPERS? OR DISBURS? OR RECEIV? OR RECEPT? OR RECEIPT? OR DISTRIBUT?
S7	6695455	SEND??? ? OR SENT OR TRANSMIT? OR TRANSMIS? OR DISSEMINAT? OR NOTIFY? OR NOTIFI? OR FEED??? ? OR FED OR PUSH??? ? OR STREAM?
S8	5294432	DELIVER? OR CYBERCAST? OR MEDIACAST? OR WEBCAST? OR NETCAST? OR MULTICAST? OR WEBFEED? OR EFEED?
S9	46420	(CYBER OR MEDIA OR WEB OR NET OR MULTI) () (CAST?? ? OR CASTING?)
S10	15560	SELECTIVE?(3N)S6:S9
S11	1028401	S6:S9(3N) (AD OR ADS OR COMMERCIAL? ? OR ADVERT? OR PROMOT? OR NETVERT? OR NETAD? ? OR EAD? ? OR MARKETING OR OFFER? OR VIDEOAD?)
S12	365229	S6:S9(3N) (VIDEOBANNER? OR VBANNER? OR PITCH? OR ADWARE? OR TARGET? OR FOCUS? OR PERSONALIZ? OR PERSONALIS? OR CUSTOMIZ? - OR CUSTOMIS?)
S13	68037	S6:S9(3N) (MICROMARKET? OR TELEMARKE? OR PROFILE? ? OR AIM OR AIMS OR AIMED OR AIMING)
S14	1456940	S6:S9(3N) (DATA OR INFORMATION)
S15	2616	S2(S)S3:S5
S16	54	S15(S)S11:S14
S17	12	S16/2001:2005
S18	42	S16 NOT S17
S19	21	RD (unique items)
S20	0	S15(S)S10

DIALOG(R)File 13:BAMP  
(c) 2005 The Gale Group. All rts. reserv.

1109809 Supplier Number: 01827176 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Benchmarks: Privacy Vs. Protection**  
(Intel's plans for including a unique processor serial number into each  
Pentium III chip may not be the invasion of privacy that many people  
claim)  
Article Author(s): Gogan, Janis L  
Information Week, p 184  
February 08, 1999  
DOCUMENT TYPE: Journal ISSN: 8750-6874 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 643

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:  
...getting to know them by storing data about their preferences and buying  
behavior in their **data** warehouses, and **sending** the catalogs that **best**  
**match** their **interests** . Yet some of the same consumers don't want that  
data sold to other companies...

19/3,K/12 (Item 8 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

06120529 Supplier Number: 53736208 (USE FORMAT 7 FOR FULLTEXT)  
**Privacy Vs. Protection -- Balancing Privacy With Free Speech And E-Commerce**  
**Means Protecting Ourselves Against Impostors. (Industry Trend or Event)**  
L. Gogan, Janis  
InformationWeek, p184(1)  
Feb 8, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Tabloid; General Trade  
Word Count: 645

... getting to know them by storing data about their preferences and  
buying behavior in their **data** warehouses, and **sending** the catalogs that  
**best match** their **interests** . Yet some of the same consumers don't want  
that data sold to other companies...

19/3,K/14 (Item 10 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

02125628 Supplier Number: 42757187 (USE FORMAT 7 FOR FULLTEXT)  
**Tipster requires new document-search methods**  
Electronic Engineering Times, p35  
Feb 17, 1992  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1193

... Croft of the University of Massachusetts (Amherst), another one of  
the contractors.

Finally, there is **pattern matching** - deciding which documents  
match which queries and how closely. The process is likely to involve

delivering the few **best - matching** documents and asking the user to indicate which fit his criteria. The systems should then **deliver** more finely **targeted** sets of documents until exactly the documents required have been retrieved.

The contractors must analyze...

19/3,K/21 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

04487611 Supplier Number: 57597750 (USE FORMAT 7 FOR FULLTEXT)  
**BROADVISION: BroadVision and Siebel Systems to dedeliver personalised customer interaction via the Web.**

M2 Presswire, pNA

Nov 16, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1325

... information with their sales, marketing and customer service information systems.

Both BroadVision and Siebel Systems **focus** on **delivering** products and services ...Web -- including their buying habits, product and service interests, and preferences -- and instantly adjust the **information** the user **receives** to **best match** their **interests** and needs.

Siebel Systems' Web-based front

?



File 347:JAPIO Nov 1976-2004/Oct(Updated 050208)

(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200510

(c) 2005 Thomson Derwent

Set	Items	Description
S1	2322386	MATCH? OR COMPAR??? ? OR COMPARISON? OR COINCID? OR INTERSECT? OR CO() (INCID??? ? OR INCIDEN?) OR CORRESPOND?
S2	21256	S1(3N) (BEST OR HIGHEST OR LARGEST OR GREATEST OR MAXIMAL OR MAXIMUM OR MOST OR OPTIMAL OR OPTIMUM)
S3	75963	S1(3N) (ATTRIBUTE OR ATTRIBUTES OR CHARACTERISTIC? ? OR PATTERN? ? OR PARAMETER? OR DEMOGRAPH? OR AGE? ? OR GENDER? OR ETHNIC? OR EDUCATION?)
S4	26839	S1(3N) (GEOGRAPH? OR LOCAT???? ? OR INCOME? OR SEX OR OCCUPATION? OR PROFESSION? OR MARITAL OR ZIPCODE? OR ZIP OR TELEPHONE OR PHONE)
S5	620	S1(3N) (HOBBY? OR HOBBIES OR INTEREST? ?)
S6	3053911	BROADCAST? OR DISPERS? OR DISBURS? OR RECEIV? OR RECEPT? OR RECEIPT? OR DISTRIBUT?
S7	3716569	SEND??? ? OR SENT OR TRANSMIT? OR TRANSMIS? OR DISSEMINAT? OR NOTIFY? OR NOTIFI? OR FEED??? ? OR FED OR PUSH??? ? OR STREAM?
S8	335635	DELIVER? OR CYBERCAST? OR MEDIACAST? OR WEBCAST? OR NETCAST? OR MULTICAST? OR WEBFEED? OR EFEED?
S9	885	(CYBER OR MEDIA OR WEB OR NET OR MULTI) () (CAST?? ? OR CASTING?)
S10	25763	SELECTIVE?(3N)S6:S9
S11	20605	S6:S9(3N) (AD OR ADS OR COMMERCIAL? ? OR ADVERT? OR PROMOT? OR NETVERT? OR NETAD? ? OR EAD? ? OR MARKETING OR OFFER? OR VIDEOAD?)
S12	28583	S6:S9(3N) (VIDEOBANNER? OR VBANNER? OR PITCH? OR ADWARE? OR TARGET? OR FOCUS? OR PERSONALIZ? OR PERSONALIS? OR CUSTOMIZ? - OR CUSTOMIS?)
S13	7552	S6:S9(3N) (MICROMARKET? OR TELEMARKE? OR PROFILE? ? OR AIM OR AIMS OR AIMED OR AIMING)
S14	1501	S2 AND S3:S5
S15	3	S14 AND S10
S16	16	S14 AND S11:S13
S17	18	S15:S16
S18	18	IDPAT (sorted in duplicate/non-duplicate order)
S19	18	IDPAT (primary/non-duplicate records only)
S20	617298	S6:S9(3N) (DATA OR INFORMATION)
S21	102	S14 AND S20
S22	72989	IC='G06F-017/30'
S23	170130	IC='G06F-017/60'
S24	167757	IC='G06F-013'
S25	18798	IC='H04H-001'
S26	184043	IC='H04N-007'
S27	19860	MC=T01-J05B
S28	3636	MC='W02-F03A'
S29	926	MC='W02-F04B'
S30	571	MC='W03-A16C3C'
S31	466	MC='W05-E03C'
S32	20	S21 AND S22:S31
S33	18	S32 NOT S19
S34	18	IDPAT (sorted in duplicate/non-duplicate order)
S35	18	IDPAT (primary/non-duplicate records only)

? t19/9/2,4,7

19/9/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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016358532 \*\*Image available\*\*  
WPI Acc No: 2004-516436/200449  
Related WPI Acc No: 2002-642388  
XRPX Acc No: N04-409180

**Communication initiating method for communication device e.g. web-enabled cellular telephone , involves comparing received profile information with local profile and identifying sending device of highest priority matched profile**

Patent Assignee: APPLEMAN D (APPL-I); CARINALLI C (CARI-I); EVANS M (EVAN-I); EVANS R (EVAN-I); JOHNSON G (JOHN-I)

Inventor: APPLEMAN D; CARINALLI C; EVANS M; EVANS R; JOHNSON G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040120298	A1	20040624	US 2001755768	A	20010105	200449 B
			US 2003733076	A	20031210	

Priority Applications (No Type Date): US 2001755768 A 20010105; US 2003733076 A 20031210

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040120298	A1	12	H04Q-007/24	Cont of application US 2001755768 Cont of patent US 6690918

Abstract (Basic): US 20040120298 A1

NOVELTY - The method involves **receiving profile** information on communication devices from other participating communication devices. The **received profiles** are compared with local profiles stored on each participating devices. Matched profile is stored in one of the devices and sending device of **highest priority matched** profile is identified. Communication is initiated between the devices involved in the profile match.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a system for anonymously initiating communication between system-connected communication devices.

USE - Used for initiating communication between two users of set of user operating communication devices e.g. web-enabled cellular telephone, or web-enabled hand-held computer, on a communication network.

ADVANTAGE - The method enables the user to quickly locate interested parties based on priority profiling.

DESCRIPTION OF DRAWING(S) - The drawing shows an architectural overview of a communication network.

Communication network (9)  
Internet (25)  
Cellular network (35)  
Local area network (40)  
Wireless data network (47)  
pp; 12 DwgNo 1/4

Title Terms: COMMUNICATE; INITIATE; METHOD; COMMUNICATE; DEVICE; WEB; ENABLE; CELLULAR; TELEPHONE; COMPARE; RECEIVE; PROFILE; INFORMATION; LOCAL; PROFILE; IDENTIFY; SEND; DEVICE; HIGH; PRIORITY; MATCH; PROFILE

Derwent Class: T01; W01

International Patent Class (Main): H04Q-007/24

File Segment: EPI

Manual Codes (EPI/S-X): T01-M06A1A; T01-N02B1; W01-A06G3; W01-C01D3C;  
W01-C01G6E; W01-C01Q3

19/9/4 (Item 4 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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014745054 \*\*Image available\*\*  
WPI Acc No: 2002-565760/200260  
XRPX Acc No: N02-447849

Information distributing system e.g. for advertisement information,  
compares received attributes information of audience with that  
stored at audience side terminal, based on which advertisement  
distribution is done

Patent Assignee: NEC CORP (NIDE )

Inventor: ISHINO T

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020066096	A1	20020530	US 2001989069	A	20011121	200260 B
JP 2002164857	A	20020607	JP 2000357240	A	20001124	200260

Priority Applications (No Type Date): JP 2000357240 A 20001124

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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US 20020066096	A1	10	G06F-017/60	
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JP 2002164857	A	6	H04H-001/00	
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Abstract (Basic): US 20020066096 A1

NOVELTY - A transmitter (23) in an information distribution device (20), transmits several sets of advertisements and attributes of target to audience side terminals (11-13). A comparator compares the attributes of target audience with audience side terminals. A selector selects the advertisements corresponding to maximum coincidence between the compared audience attributes.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Information distributing device;
- (2) Audience side terminal; and
- (3) Information distribution method.

USE - For selective broadcast of advertisements to specific audience.

ADVANTAGE - Allows information suitable for an audience to be distributed securely. Allows any audience to use any terminal, as the audience attributes stored in an IC card is easily replaceable.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the information distributing system.

Audience side terminal (11,12,13)

Information distribution device (20)

Transmitter (23)

pp; 10 DwgNo 2/7

Title Terms: INFORMATION; DISTRIBUTE; SYSTEM; ADVERTISE; INFORMATION;  
COMPARE; RECEIVE; ATTRIBUTE; INFORMATION; AUDIENCE; STORAGE; AUDIENCE;  
SIDE; TERMINAL; BASED; ADVERTISE; DISTRIBUTE

Derwent Class: T01; W02; W03; W05

International Patent Class (Main): G06F-017/60; H04H-001/00

International Patent Class (Additional): G06F-013/00; H04N-007/08;

H04N-007/081; H04N-007/10; H04N-007/173; H04N-007/25

File Segment: EPI

Manual Codes (EPI/S-X): T01-J05A; W02-F03A; W02-F04B; W02-F05A1; W03-A16C3C

; W05-E03C

19/9/7 (Item 7 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

010552182 \*\*Image available\*\*  
WPI Acc No: 1996-049135/199605  
XRPX Acc No: N96-041232

**Associating target reply signals with target signatures for detecting and tracking aircraft - comparing each target report with each target signature to identify potential matches based on corresp. parameters values, and identifying best matches**

Patent Assignee: GOODRICH FLIGHT SYSTEMS INC B F (GOOR )  
Inventor: HUSTON R S; YOUNG E L  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5477225	A	19951219	US 93153722	A	19931116	199605 B

Priority Applications (No Type Date): US 93153722 A 19931116

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5477225	A	24	G01S-013/76	

Abstract (Basic): US 5477225 A

Each reply signal is **received** from a **target** transponder within a selectable time period, and each target signature comprises a first set of parameter values that identify a target position and movement relative to an interrogating aircraft. A target report is produced for each reply signal, each the target report comprising a second set of parameter values. Each target report is compared with each target signature to identify which report/signature pairs are potential matches. Each comparison is based on **comparisons** of **corresponding parameter** values.

A probability of match (Pm) is assigned for each report/signature potential match based on probability of match for each of the **compared parameters** and a probability of correct correlation (Pcc) for each report/signature potential match based on a comparison of Pm values of all the potential matches. Ambiguous report/signature matches are identified based on comparison of the Pcc values of all the potential **matches** and a **best** report/signature **match** from the identified ambiguous matches based on a **comparison** of the **parameters** probabilities of **match** of it.

ADVANTAGE - Accurate association or correlation of target reply signals with established target signatures. System can repair garbled codes to enhance target signature updates.

Dwg.5/8

Title Terms: ASSOCIATE; TARGET; REPLY; SIGNAL; TARGET; SIGNATURE; DETECT; TRACK; AIRCRAFT; COMPARE; TARGET; REPORT; TARGET; SIGNATURE; IDENTIFY; POTENTIAL; MATCH; BASED; CORRESPOND; PARAMETER; VALUE; IDENTIFY; MATCH  
Index Terms/Additional Words: TRAFFIC; ALERT; AND; COLLISION; AVOIDANCE; SYSTEM

Derwent Class: W02; W06

International Patent Class (Main): G01S-013/76

International Patent Class (Additional): G01S-013/87

File Segment: EPI

Manual Codes (EPI/S-X): W02-G05B; W06-A04B1; W06-A04H1; W06-A04H7;  
W06-B01B1

35/9/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

016565398 \*\*Image available\*\*  
WPI Acc No: 2004-724135/200471  
XRPX Acc No: N04-574511

Digital content provision apparatus using internet, transmits message  
proposing provision of content having identification data corresponding  
to user attribute data, to user terminal

Patent Assignee: NIFTY KK (NIFT-N)  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2004295265	A	20041021	JP 200384028	A	20030326	200471 B

Priority Applications (No Type Date): JP 200384028 A 20030326  
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2004295265	A		12	G06F-017/60	

Abstract (Basic): JP 2004295265 A

NOVELTY - A database (142) matches and stores digital content  
identification data with attribute data of user to whom respective  
content is to be proposed. A proposal unit transmits a message  
proposing provision of content having identification data  
corresponding to user attribute data received from a user  
terminal (2), to the terminal. The content is sent to the terminal,  
when content request is received from the terminal.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the  
following:

- (1) digital content provision method; and
- (2) digital content provision program.

USE - For provision of digital content from server to user terminal  
in company and home, through internet.

ADVANTAGE - The optimal digital content corresponding to user  
attribute, is proposed to the user, in efficient manner.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the  
network system. (Drawing includes non-English language text).

server (1)  
user terminal (2)  
content management database (142)  
content database (144)  
internet (N)  
pp; 12 DwgNo 1/12

Title Terms: DIGITAL; CONTENT; PROVISION; APPARATUS; TRANSMIT; MESSAGE;  
PROVISION; CONTENT; IDENTIFY; DATA; CORRESPOND; USER; ATTRIBUTE; DATA;  
USER; TERMINAL

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-013/00 ; G06F-017/30

File Segment: EPI

Manual Codes (EPI/S-X): T01-H; T01-J05B ; T01-N01A2; T01-N01A2A

35/9/9 (Item 9 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2005 JPO & JAPIO. All rts. reserv.

08114399 \*\*Image available\*\*

INFORMATION PROVIDING DEVICE AND INFORMATION PROVIDING METHOD

PUB. NO.: 2004-227158 [JP 2004227158 A]  
PUBLISHED: August 12, 2004 (20040812)  
INVENTOR(s): TAKIGAWA ERINA  
APPLICANT(s): OMRON CORP  
APPL. NO.: 2003-012424 [JP 200312424]  
FILED: January 21, 2003 (20030121)  
INTL CLASS: G06F-017/30 ; G06F-017/60 ; G06T-001/00; G06T-007/00

ABSTRACT

PROBLEM TO BE SOLVED: To perform a precise **delivery** of **information** to a person even if he/she belongs not only according to the personal attribute but also to the attribute of a dynamically changing group.

SOLUTION: When optimum information for a predetermined group, e.g., couple, family or friend is provided to a person who acts as a member of the group, at least a face image of one or two or more persons belonging to the group is acquired, characteristic quantities necessary for estimating the attributes of the persons, for example, sex or age, are acquired from the face image to estimate the attribute of each person. The number of persons is also determined from the face image. The group attribute to which the persons belong, e.g., the couple, family or friend is determined from the number of persons and the constitution ratio of the respective attributes of the persons, and **optimum** information **corresponding** to the group **attribute** is provided.

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35/9/11 (Item 11 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06994926 \*\*Image available\*\*  
**INFORMATION DISTRIBUTION SERVICE SYSTEM**

PUB. NO.: 2001-222506 [JP 2001222506 A]  
PUBLISHED: August 17, 2001 (20010817)  
INVENTOR(s): OZU HIRONAO  
ABE HIRONOBU  
TAKIZAWA NAOKI  
APPLICANT(s): MITSUBISHI ELECTRIC CORP  
APPL. NO.: 2000-031939 [JP 200031939]  
FILED: February 09, 2000 (20000209)  
INTL CLASS: G06F-015/00; G06F-013/00 ; H04Q-007/38; H04M-003/42;  
H04M-011/08

ABSTRACT

PROBLEM TO BE SOLVED: To provide an **information distribution** service system, with which all terminals can simultaneously receive services effectively utilizing their own environments at a **maximum** by distributing services **corresponding** to the **characteristics** of the respective terminals for each of terminals even when a user is located in the environment capable of utilizing the plural terminals.

SOLUTION: When a second service receiving terminal (portable telephone) 3 is detected, an inter-terminal radio control part 206 performs

inter-terminal radio communication with this portable telephone 3 and acquires a terminal ID and UI information from this portable telephone 3. Next, a menu request part 205 transmits the download request of an operation menu through a network 4 to a service server 1 together with these terminal ID and UI information and when this request is received, the service server 1 specifies the request source from the terminal ID received by a terminal information receiving part 105 and with the received UI information of the portable telephone 3 as a retrieval key, an operation menu managing part 109 retrieves a menu DB 110 and extracts an operation menu optimal for this portable telephone 3. Next, this operation menu is transmitted to the portable telephone 3 of the request source. When this operation menu is received, the portable telephone 3 adds it as a function.

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File 696:DIALOG Telecom. Newsletters 1995-2005/Feb 22  
(c) 2005 The Dialog Corp.

File 15:ABI/Inform(R) 1971-2005/Feb 22  
(c) 2005 ProQuest Info&Learning

File 98:General Sci Abs/Full-Text 1984-2004/Dec  
(c) 2005 The HW Wilson Co.

File 112:UBM Industry News 1998-2004/Jan 27  
(c) 2004 United Business Media

File 141:Readers Guide 1983-2004/Sep  
(c) 2004 The HW Wilson Co

File 484:Periodical Abs Plustext 1986-2005/Feb W2  
(c) 2005 ProQuest

File 553:Wilson Bus. Abs. FullText 1982-2004/Dec  
(c) 2005 The HW Wilson Co

File 608:KR/T Bus.News. 1992-2005/Feb 22  
(c)2005 Knight Ridder/Tribune Bus News

File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc

File 613:PR Newswire 1999-2005/Feb 18  
(c) 2005 PR Newswire Association Inc

File 635:Business Dateline(R) 1985-2005/Feb 22  
(c) 2005 ProQuest Info&Learning

File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire

File 610:Business Wire 1999-2005/Feb 21  
(c) 2005 Business Wire.

File 369:New Scientist 1994-2005/Feb W1  
(c) 2005 Reed Business Information Ltd.

File 370:Science 1996-1999/Jul W3  
(c) 1999 AAAS

File 20:Dialog Global Reporter 1997-2005/Feb 22  
(c) 2005 The Dialog Corp.

File 624:McGraw-Hill Publications 1985-2005/Feb 22  
(c) 2005 McGraw-Hill Co. Inc

File 634:San Jose Mercury Jun 1985-2005/Feb 19  
(c) 2005 San Jose Mercury News

File 647:CMP Computer Fulltext 1988-2005/Feb W1  
(c) 2005 CMP Media, LLC

File 674:Computer News Fulltext 1989-2005/Feb W2  
(c) 2005 IDG Communications

Set	Items	Description
S1	7558647	MATCH? OR COMPAR??? ? OR COMPARISON? OR COINCID? OR INTER- ECT? OR CO() (INCID??? ? OR INCIDEN?) OR CORRESPOND?
S2	132141	S1(3N) (BEST OR HIGHEST OR LARGEST OR GREATEST OR MAXIMAL OR MAXIMUM OR MOST OR OPTIMAL OR OPTIMUM)
S3	78356	S1(3N) (ATTRIBUTE OR ATTRIBUTES OR CHARACTERISTIC? ? OR PAT- TERN? ? OR PARAMETER? OR DEMOGRAPH? OR AGE? ? OR GENDER? OR E- THNIC? OR EDUCATION?)
S4	241347	S1(3N) (GEOGRAPH? OR LOCAT???? ? OR INCOME? OR SEX OR OCCUP- ATION? OR PROFESSION? OR MARITAL OR ZIPCODE? OR ZIP OR TELEPH- ONE OR PHONE)
S5	35911	S1(3N) (HOBBY? OR HOBBIES OR INTEREST? ?)
S6	13590273	BROADCAST? OR DISPERS? OR DISBURS? OR RECEIV? OR RECEPT? OR RECEIPT? OR DISTRIBUT?
S7	9410685	SEND??? ? OR SENT OR TRANSMIT? OR TRANSMIS? OR DISSEMINAT? OR NOTIFY? OR NOTIFI? OR FEED??? ? OR FED OR PUSH??? ? OR STR- EAM?
S8	4709245	DELIVER? OR CYBERCAST? OR MEDIACAST? OR WEBCAST? OR NETCAS- T? OR MULTICAST? OR WEBFEED? OR EFED?
S9	43637	(CYBER OR MEDIA OR WEB OR NET OR MULTI) () (CAST?? ? OR CAST-



ING?)

S10	10984	SELECTIVE?(3N)S6:S9
S11	764280	S6:S9(3N) (AD OR ADS OR COMMERCIAL? ? OR ADVERT? OR PROMOT? OR NETVERT? OR NETAD? ? OR EAD? ? OR MARKETING OR OFFER? OR V- IDEOAD?)
S12	282238	S6:S9(3N) (VIDEOBANNER? OR VBANNER? OR PITCH? OR ADWARE? OR TARGET? OR FOCUS? OR PERSONALIZ? OR PERSONALIS? OR CUSTOMIZ? - OR CUSTOMIS?)
S13	61271	S6:S9(3N) (MICROMARKET? OR TELEMARKE? OR PROFILE? ? OR AIM OR AIMS OR AIMED OR AIMING)
S14	1251490	S6:S9(3N) (DATA OR INFORMATION)
S15	3305	S2(S)S3:S5
S16	67	S15(S)S10:S14
S17	21	S16/2001:2005
S18	46	S16 NOT S17
S19	36	RD (unique items)

19/3,K/18 (Item 1 from file: 613)  
 DIALOG(R)File 613:PR Newswire  
 (c) 2005 PR Newswire Association Inc. All rts. reserv.

00432789 20001010ATTU001 (USE FORMAT 7 FOR FULLTEXT)  
**Idealmusic.Com, Inc. Launches Most Personalized Music Website; the Site  
 Provides Music Discovery Tools for All Genres And Tastes**  
 PR Newswire  
 Tuesday, October 10, 2000 09:20 EDT  
 JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
 DOCUMENT TYPE: NEWSWIRE  
 WORD COUNT: 485

...include specialized searches  
 for artists, music news, tours and songs. The iDealShopper, a proprietary  
 shopping **comparison** engine, **locates best** value purchases for music  
 and music  
 merchandise. The iDealPlayer **delivers personalized music streams** .

iDealmusic Search Tools  
 \* WebSearch: News & Info -- Scour the web for music related news and  
 information...

19/3,K/28 (Item 9 from file: 610)  
 DIALOG(R)File 610:Business Wire  
 (c) 2005 Business Wire. All rts. reserv.

00138782 19991115319B1160 (USE FORMAT 7 FOR FULLTEXT)  
**(BVSN) BroadVision and Siebel Systems Partner to Deliver Personalized  
 Customer Interaction Via the Web**  
 Business Wire  
 Monday, November 15, 1999 08:00 EST  
 JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
 DOCUMENT TYPE: NEWSWIRE  
 WORD COUNT: 1,313

TEXT:  
 ...information with their sales, marketing and customer service  
 information systems.

Both BroadVision and Siebel Systems **focus on delivering** products and  
 services that allow organizations to build and maintain strong

relationships with their customers...

...Web -- including their buying habits, product and service interests, and preferences -- and instantly adjust the information the user receives to best match their interests and needs.

19/3,K/31 (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2005 The Dialog Corp. All rts. reserv.

08260757 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
BROADVISION: BroadVision and Siebel Systems to deliver personalised customer interaction via the Web  
M2 PRESSWIRE  
November 16, 1999  
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1295

... product and service interests, and preferences -- and instantly adjust the information the user receives to best match their interests and needs.

19/3,K/32 (Item 3 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2005 The Dialog Corp. All rts. reserv.

08228045 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
BroadVision and Siebel Systems Partner to Deliver Personalized Customer Interaction Via the Web  
BUSINESS WIRE  
November 15, 1999  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1347

... product and service interests, and preferences -- and instantly adjust the information the user receives to best match their interests and needs.

?

File 6:NTIS 1964-2005/Feb W1  
(c) 2005 NTIS, Intl Cpyrght All Rights Res  
File 2:INSPEC 1969-2005/Feb W2  
(c) 2005 Institution of Electrical Engineers  
File 8:EI Compendex(R) 1970-2005/Jan W3  
(c) 2005 Elsevier Eng. Info. Inc.  
File 34:SciSearch(R) Cited Ref Sci 1990-2005/Feb W2  
(c) 2005 Inst for Sci Info  
File 35:Dissertation Abs Online 1861-2005/Jan  
(c) 2005 ProQuest Info&Learning  
File 65:Inside Conferences 1993-2005/Feb W3  
(c) 2005 BLDSC all rts. reserv.  
File 94:JICST-EPlus 1985-2005/Jan W2  
(c)2005 Japan Science and Tech Corp(JST)  
File 95:TEME-Technology & Management 1989-2005/Jan W2  
(c) 2005 FIZ TECHNIK  
File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Jan  
(c) 2005 The HW Wilson Co.  
File 111:TGG Natl.Newspaper Index(SM) 1979-2005/Feb 16  
(c) 2005 The Gale Group  
File 144:Pascal 1973-2005/Feb W2  
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File 256:TecInfoSource 82-2004/Dec  
(c) 2004 Info.Sources Inc  
File 266:FEDRIP 2004/Nov  
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File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 1998 Inst for Sci Info  
File 438:Library Lit. & Info. Science 1984-2005/Jan  
(c) 2005 The HW Wilson Co  
File 483:Newspaper Abs Daily 1986-2005/Feb 19  
(c) 2005 ProQuest Info&Learning  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group  
File 603:Newspaper Abstracts 1984-1988  
(c)2001 ProQuest Info&Learning

Set	Items	Description
S1	8587436	MATCH? OR COMPAR??? ? OR COMPARISON? OR COINCID? OR INTERSECT? OR CO() (INCID??? ? OR INCIDEN?) OR CORRESPOND?
S2	112639	S1(3N) (BEST OR HIGHEST OR LARGEST OR GREATEST OR MAXIMAL OR MAXIMUM OR MOST OR OPTIMAL OR OPTIMUM)
S3	313584	S1(3N) (ATTRIBUTE OR ATTRIBUTES OR CHARACTERISTIC? ? OR PATTERN? ? OR PARAMETER? OR DEMOGRAPH? OR AGE? ? OR GENDER? OR ETHNIC? OR EDUCATION?)
S4	64663	S1(3N) (GEOGRAPH? OR LOCAT???? ? OR INCOME? OR SEX OR OCCUPATION? OR PROFESSION? OR MARITAL OR ZIPCODE? OR ZIP OR TELEPHONE OR PHONE)
S5	6097	S1(3N) (HOBBY? OR HOBBIES OR INTEREST? ?)
S6	8367492	BROADCAST? OR DISPERS? OR DISBURS? OR RECEIV? OR RECEPT? OR RECEIPT? OR DISTRIBUT?
S7	4147504	SEND??? ? OR SENT OR TRANSMIT? OR TRANSMIS? OR DISSEMINAT? OR NOTIFY? OR NOTIFI? OR FEED??? ? OR FED OR PUSH??? ? OR STREAM?
S8	795482	DELIVER? OR CYBERCAST? OR MEDIACAST? OR WEBCAST? OR NETCAST? OR MULTICAST? OR WEBFEED? OR EFEED?
S9	1354	(CYBER OR MEDIA OR WEB OR NET OR MULTI) () (CAST?? ? OR CASTING?)
S10	52904	SELECTIVE?(3N)S6:S9
S11	109242	S6:S9(3N) (AD OR ADS OR COMMERCIAL? ? OR ADVERT? OR PROMOT? OR NETVERT? OR NETAD? ? OR EAD? ? OR MARKETING OR OFFER? OR V-

IDEODAD?)

S12	72792	S6:S9(3N) (VIDEOBANNER? OR VBANNER? OR PITCH? OR ADWARE? OR TARGET? OR FOCUS? OR PERSONALIZ? OR PERSONALIS? OR CUSTOMIZ? - OR CUSTOMIS?)
S13	53372	S6:S9(3N) (MICROMARKET? OR TELEMARKE? OR PROFILE? ? OR AIM OR AIMS OR AIMED OR AIMING)
S14	484432	S6:S9(3N) (DATA OR INFORMATION)
S15	6214	S2 AND S3:S5
S16	164	S15 AND S10:S14
S17	58	S16/2001:2005
S18	106	S16 NOT (S17 OR AXON)
S19	74	RD (unique items)

19/7/25 (Item 21 from file: 2)  
 DIALOG(R)File 2:INSPEC  
 (c) 2005 Institution of Electrical Engineers. All rts. reserv.

00146012 INSPEC Abstract Number: C70011201

**Title:** Selective dissemination of information  
**Author(s):** Day, M.S.  
**Author Affiliation:** NASA, Greenbelt, MD, USA  
**Conference Title:** Storage and retrieval of information p.133-49  
**Editor(s):** Vessey, H.F.; Jakelman, I.J.  
**Publisher:** AGARD, Paris, France  
**Publication Date:** 1968 **Country of Publication:** France ix + 198 pp.  
**Conference Sponsor:** NATO; AGARD; Avionic and Tech. Information Panels  
**Conference Date:** 18-30 June 1968 **Conference Location:** Munich, West Germany

**Language:** English **Document Type:** Conference Paper (PA)  
**Abstract:** **Selective Dissemination of Information** (SDI) provides individual scientists and engineers with announcements of a limited number of documents specifically of interest to them, in contrast to the general coverage provided by increasingly bulky abstract journals. Selection is done by a computer program, which compares a file of bibliographic data on current reports and journal literature with an SDI user's interest profile, then prints out references to matching documents. The selected references may be presented to the user on cards suitable for filing or on less expensive printed lists and may provide only the document citation or the full abstract. Feedback by the user on the relevance of the documents helps to optimize his interest profile for **best** selection. **Comparison** of numerous individual **interest** profiles is expensive in computer time, and profile improvement requires assistance by vocabulary specialists. Economical service to large numbers of participants may be provided by the use of standard profiles, as typified by the NASA/SCAN (Selected Current Aerospace Notices) program which is described.

Subfile: C

File 347:JAPIO Nov 1976-2004/Oct(Updated 050208)  
 (c) 2005 JPO & JAPIO  
 File 350:Derwent WPIX 1963-2005/UD,UM &UP=200510  
 (c) 2005 Thomson Derwent  
 File 348:EUROPEAN PATENTS 1978-2005/Feb W02  
 (c) 2005 European Patent Office  
 File 349:PCT FULLTEXT 1979-2002/UB=20050217,UT=20050210  
 (c) 2005 WIPO/Univentio  
 File 324:German Patents Fulltext 1967-\$F324UD1\_1967Jan W6  
 (c) 2005 Univention

Set	Items	Description
S1	1135	AU=ISHINO T?
S2	30866	DISTRIBUT?(3N) INFORMATION
S3	3	S1 AND S2

3/9/1 (Item 1 from file: 347)  
 DIALOG(R)File 347:JAPIO  
 (c) 2005 JPO & JAPIO. All rts. reserv.

07296377 \*\*Image available\*\*  
 INFORMATION DISTRIBUTION SYSTEM

PUB. NO.: 2002-164857 [JP 2002164857 A]  
 PUBLISHED: June 07, 2002 (20020607)  
 INVENTOR(s): ISHINO TOSHIYUKI  
 APPLICANT(s): NEC CORP  
 APPL. NO.: 2000-357240 [JP 2000357240]  
 FILED: November 24, 2000 (20001124)  
 INTL CLASS: H04H-001/00; G06F-013/00; G06F-017/60; H04N-007/08;  
 H04N-007/081; H04N-007/173

#### ABSTRACT

PROBLEM TO BE SOLVED: To allow any piece of information which is presented by an **information** presenter and **distributed** by an **information distributor** to be selectively received by a user terminal while the user terminal is opened.

SOLUTION: A database 22 houses pieces of information a, B, and  $\gamma$  which are presented by an **information** presenter 30, and **distribution information** items a[n], B[n], and  $\gamma$  [n] comprising attributes of a user who wants to **distribute** the pieces of **information**. The **information distributor** 20 has the database 22, and multiplexes for **distribution** an **information** group Z of a plurality of sets comprising the pieces of information a, B, and  $\gamma$  as well as **distribution information** items a [n], B [n], and  $\gamma$  [n] corresponding to the information. Each of user terminals 11, 12, and 13 is equipped with an IC card (not shown) in which a user information item A [n], B [n], or C [n] comprising attributes of users A, B, or C are stored, an information selecting part 11a, and the like. The information selecting part 11a receives the information group Z, and compares the **distribution information** item with the user information item for each detailed item. It selects the **information** corresponding to the **distribution information** item wherein the number of matched items is the largest.

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3/9/2 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014745054 \*\*Image available\*\*  
WPI Acc No: 2002-565760/200260  
XRPX Acc No: N02-447849

Information distributing system e.g. for advertisement information,  
compares received attributes information of audience with that stored at  
audience side terminal, based on which advertisement distribution is done

Patent Assignee: NEC CORP (NIDE )

Inventor: ISHINO T

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020066096	A1	20020530	US 2001989069	A	20011121	200260 B
JP 2002164857	A	20020607	JP 2000357240	A	20001124	200260

Priority Applications (No Type Date): JP 2000357240 A 20001124

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020066096	A1		10	G06F-017/60	
JP 2002164857	A		6	H04H-001/00	

Abstract (Basic): US 20020066096 A1

NOVELTY - A transmitter (23) in an information distribution device (20), transmits several sets of advertisements and attributes of target to audience side terminals (11-13). A comparator compares the attributes of target audience with audience side terminals. A selector selects the advertisements corresponding to maximum coincidence between the compared audience attributes.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Information distributing device;
- (2) Audience side terminal; and
- (3) Information distribution method.

USE - For selective broadcast of advertisements to specific audience.

ADVANTAGE - Allows information suitable for an audience to be distributed securely. Allows any audience to use any terminal, as the audience attributes stored in an IC card is easily replaceable.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the information distributing system.

Audience side terminal (11,12,13)

Information distribution device (20)

Transmitter (23)

pp; 10 DwgNo 2/7

Title Terms: INFORMATION; DISTRIBUTE; SYSTEM; ADVERTISE; INFORMATION;  
COMPARE; RECEIVE; ATTRIBUTE; INFORMATION; AUDIENCE; STORAGE; AUDIENCE;  
SIDE; TERMINAL; BASED; ADVERTISE; DISTRIBUTE

Derwent Class: T01; W02; W03; W05

International Patent Class (Main): G06F-017/60; H04H-001/00

International Patent Class (Additional): G06F-013/00; H04N-007/08;  
H04N-007/081; H04N-007/10; H04N-007/173; H04N-007/25

File Segment: EPI

Manual Codes (EPI/S-X): T01-J05A; W02-F03A; W02-F04B; W02-F05A1; W03-A16C3C  
; W05-E03C

3/6/3 (Item 1 from file: 348)  
01766621

Image-taking apparatus and image-taking system

Bildaufnahmegerät und Bildaufnahmesystem

Appareil de prise d'image et systeme de prise d'image

LANGUAGE (Publication,Procedural,Application): English; English; English